

Comparisons of Job Characteristics

Focus Occupation: [Layout Workers, Metal and Plastic \(51-4192\)](#)

Associated Occupation: [Structural Metal Fabricators and Fitters \(51-2041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Layout Workers, Metal and Plastic (51-4192)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Design	5.2	10.3	12.8	>	Current knowledge level is likely sufficient
Mechanical	6.8	8.6	15.1	>>	Current knowledge level is likely more than sufficient
Building and Construction	4.0	6.9	12.6	>>	Current knowledge level is likely more than sufficient
Production and Processing	6.0	6.9	10.2	>>	Current knowledge level is likely more than sufficient
Engineering and Technology	5.7	6.2	6.5	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Layout Workers, Metal and Plastic (51-4192)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	5.9	6.6	>	Skill level is likely sufficient
Installation	1.7	2.0	1.6	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Layout Workers, Metal and Plastic (51-4192)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Visualization	7.5	10.1	11.5	>	Current ability level is likely sufficient
Trunk Strength	5.7	9.5	7.2	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	9.2	9.4	0	Current ability level may be sufficient
Static Strength	5.0	8.3	7.2	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Layout Workers, Metal and Plastic (51-4192)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

Work Activities	Exclusivity of Activity
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Lay out machining, welding or precision assembly projects	63
Make independent judgment in assembly procedures	64
Operate hoist, winch, or hydraulic boom	34
Read blueprints	10
Read production layouts	66
Read technical drawings	7
Recognize characteristics of metals	62
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Layout Workers, Metal and Plastic (51-4192)
Associated Occupation: Structural Metal Fabricators and Fitters (51-2041)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.